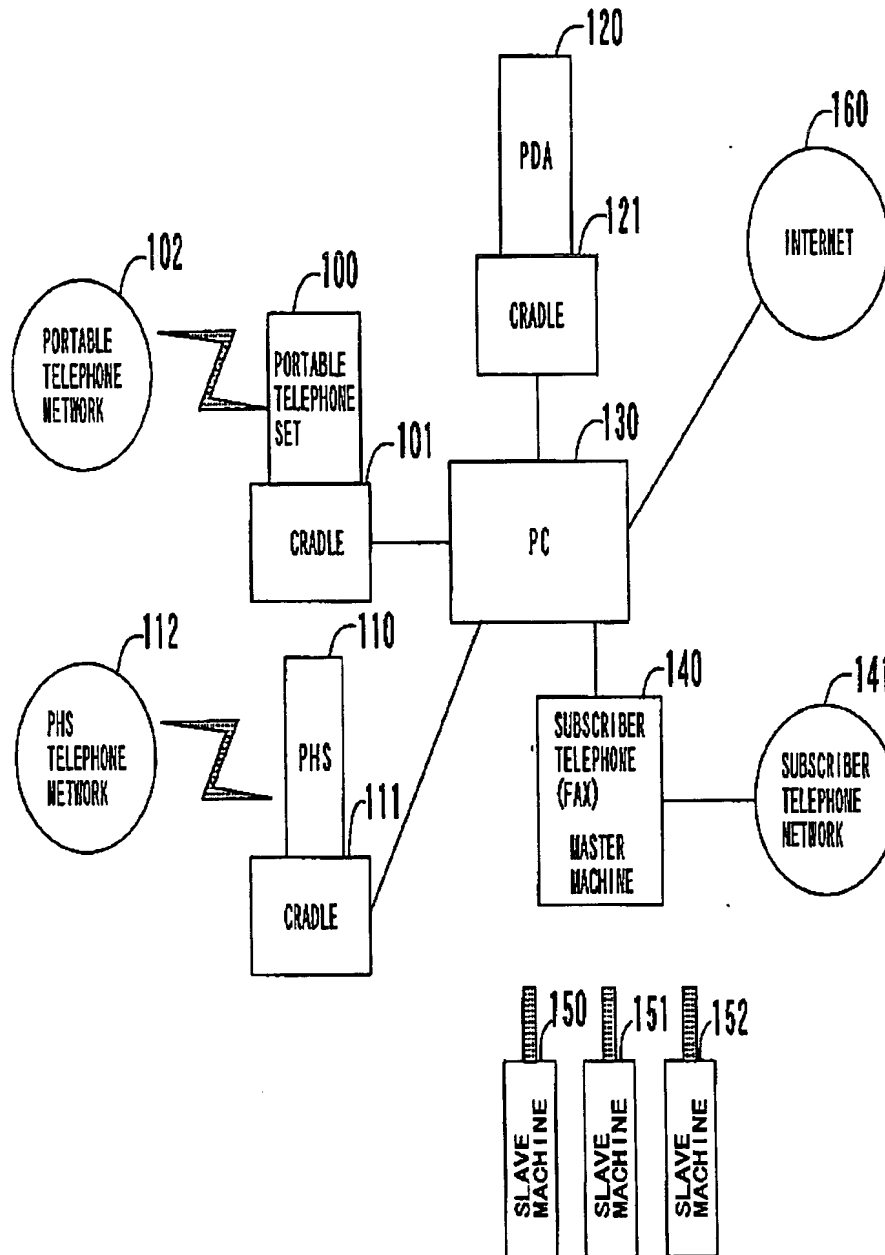


FIG. 1



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FIG. 2

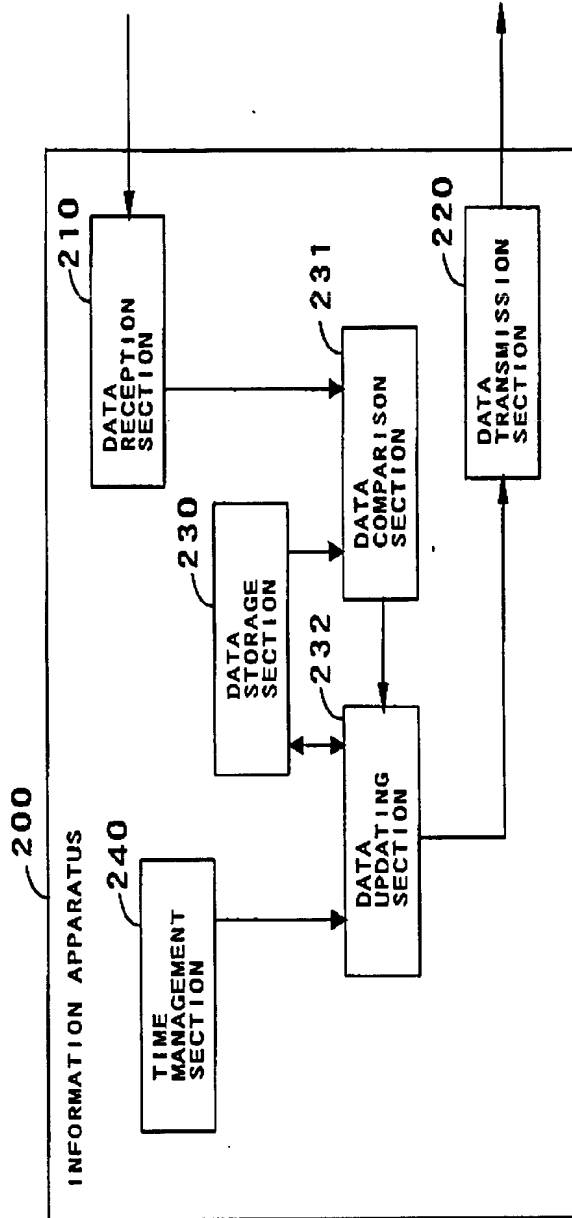


FIG. 3

INFORMATION
APPARATUS A

| RECORD NUMBER | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | PATTERN |
|------------------|----------------------------------|-----------------------|----------------------------------|---------------------|----------------------------------------------|---------|
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | (1) |
| 2 | 2002/02/28 00:00:00 | HIROSHI YAMAGUCHI | 2002/02/27 00:00:00 | 03-2222-0012 | 2002/02/27 00:10:00 | (3) |
| 3 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 03:00:00 | 03-2222-0003 | 2002/02/28 03:10:00 | (5) |
| 4 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 04:00:00 | 03-2222-0004 | 2002/02/27 04:10:00 | (6) |
| 5 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 05:00:00 | 03-1111-0005 | 2002/02/27 05:10:00 | (7) |
| 6 | 2002/02/28 06:10:00 | SHIRO ABE | 2002/02/27 06:00:00 | 03-1111-0006 | 2002/02/27 06:10:00 | (8) |
| 7 | 2002/02/28 07:10:00 | AKIKO GOTO | 2002/02/27 07:00:00 | 03-1111-0007 | 2002/02/27 07:10:00 | (9) |
| 8 | 2002/02/28 08:20:00 | TOSHIKAZU NAKAMURA | 2002/02/27 08:00:00 | 03-1111-0008 | 2002/02/27 08:10:00 | (10) |
| 9 | 1900/01/01 00:00:00 | TADASHI ISHII | 2002/02/27 09:00:00 | 03-2222-0009 | 2002/02/28 09:10:00 | (11) |
| 10 | 1900/01/01 00:00:00 | KOICHI SATO | 2002/02/27 10:00:00 | 03-2222-0010 | 2002/02/28 10:10:00 | (12) |
| 11 | 1900/01/01 00:00:00 | SHINJI NAKANO | 2002/02/27 11:00:00 | 03-1111-0011 | 2002/02/27 11:10:00 | (13) |
| : | : | : | : | : | : | |

Inventor: Akihiro Sekine

Title: DATA SYNCHRONIZATION METHOD BETWEEN A
PLURALITY OF INFORMATION APPARATUS,
INFORMATION PROCESSING APPARATUS FOR
EXECUTING THE METHOD, AND PROGRAM FOR...

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FIG. 4

INFORMATION
APPARATUS B

| RECORD NUMBER | 400 | | | | | PATTERN |
|------------------|-----------------------------------------|-----------------------|-----------------------------------------|----------------------------|-----------------------------------------------------|---------|
| | 401 RECORD DELETION DATE AND TIME | 402 NAME | 403 UPDATING DATE AND TIME (NAME) | 404 TELEPHONE NUMBER | 405 UPDATING DATE AND TIME (TELEPHONE NUMBER) | |
| 1 | 1900/01/01 00:00:00 | JIRO YAMAZAKI | 2002/02/27 02:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | (2) |
| 2 | 2002/02/28 00:00:00 | TATSUNO OKANO | 2002/02/27 00:00:00 | 03-1111-0013 | 2002/02/27 00:10:00 | (4) |
| 3 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 03:00:00 | 03-1111-0003 | 2002/02/27 03:10:00 | (5) |
| 4 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 04:00:00 | 03-1111-0004 | 2002/02/27 04:10:00 | (6) |
| 5 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 05:00:00 | 03-2222-0005 | 2002/02/28 05:10:00 | (7) |
| 6 | 1900/01/01 00:00:00 | SHIRO ABE | 2002/02/27 06:00:00 | 03-1111-0006 | 2002/02/27 06:10:00 | (8) |
| 7 | 1900/01/01 00:00:00 | AKIKO GOTO | 2002/02/27 07:00:00 | 03-1111-0007 | 2002/02/27 07:10:00 | (9) |
| 8 | 1900/01/01 00:00:00 | TOSHIKAZU NAKAMURA | 2002/02/27 08:00:00 | 03-2222-0008 | 2002/02/28 08:10:00 | (10) |
| 9 | 2002/02/27 09:20:00 | TADASHI ISHII | 2002/02/27 09:00:00 | 03-1111-0009 | 2002/02/27 09:10:00 | (11) |
| 10 | 2002/02/28 10:10:00 | KOICHI SATO | 2002/02/27 10:00:00 | 03-1111-0010 | 2002/02/27 10:10:00 | (12) |
| 11 | 2002/02/28 11:10:00 | SHINJI NAKANO | 2002/02/27 11:00:00 | 03-1111-0011 | 2002/02/27 11:10:00 | (13) |
| : | : | : | : | : | : | |

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FIG. 5

INFORMATION
APPARATUS A

| RECORD NUMBER | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | PATTERN |
|------------------|----------------------------------|-----------------------|----------------------------------|---------------------|----------------------------------------------|---------|
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | (1) |
| 2 | 2002/02/28 00:00:00 | HIROSHI YAMAGUCHI | 2002/02/27 00:00:00 | 03-2222-0012 | 2002/02/27 00:10:00 | (3) |
| 3 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 03:00:00 | 03-2222-0003 | 2002/02/28 03:10:00 | (5) |
| 4 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 04:00:00 | 03-2222-0004 | 2002/02/27 04:10:00 | (6) |
| 5 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 05:00:00 | 03-2222-0005 | 2002/02/28 05:10:00 | (7) |
| 6 | 2002/02/28 06:10:00 | SHIRO ABE | 2002/02/27 06:00:00 | 03-1111-0006 | 2002/02/27 06:10:00 | (8) |
| 7 | 2002/02/28 07:10:00 | AKIKO GOTO | 2002/02/27 07:00:00 | 03-1111-0007 | 2002/02/27 07:10:00 | (9) |
| 8 | 1900/01/01 00:00:00 | TOSHIKAZU NAKAMURA | 2002/02/27 08:00:00 | 03-2222-0008 | 2002/02/28 08:10:00 | (10) |
| 9 | 1900/01/01 00:00:00 | TADASHI ISHII | 2002/02/27 09:00:00 | 03-2222-0009 | 2002/02/28 09:10:00 | (11) |
| 10 | 1900/01/01 00:00:00 | KOICHI SATO | 2002/02/27 10:00:00 | 03-2222-0010 | 2002/02/28 10:10:00 | (12) |
| 11 | 2002/02/28 11:10:00 | SHINJI NAKANO | 2002/02/27 11:00:00 | 03-1111-0011 | 2002/02/27 11:10:00 | (13) |
| 12 | 1900/01/01 00:00:00 | JIRO YAMAZAKI | 2002/02/27 02:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | (2) |
| : | : | : | : | : | : | |

FIG. 6

INFORMATION
APPARATUS B

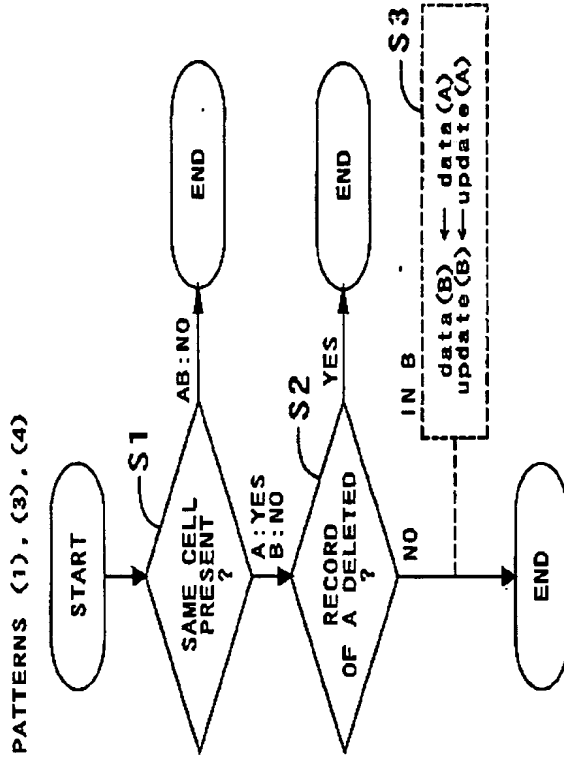
| RECORD NUMBER | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | PATTERN |
|------------------|----------------------------------|-----------------------|----------------------------------|---------------------|----------------------------------------------|---------|
| 1 | 1900/01/01 00:00:00 | JIRO YAMAZAKI | 2002/02/27 02:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | (2) |
| 2 | 2002/02/28 00:00:00 | TATSUHI OKANO | 2002/02/27 00:00:00 | 03-1111-0013 | 2002/02/27 00:10:00 | (4) |
| 3 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 03:00:00 | 03-2222-0003 | 2002/02/28 03:10:00 | (5) |
| 4 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 04:00:00 | 03-2222-0004 | 2002/02/27 04:10:00 | (6) |
| 5 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 05:00:00 | 03-2222-0005 | 2002/02/28 05:10:00 | (7) |
| 6 | 2002/02/28 06:10:00 | SHIRO ABE | 2002/02/27 06:00:00 | 03-1111-0006 | 2002/02/27 06:10:00 | (8) |
| 7 | 2002/02/28 07:10:00 | AKIKO GOTO | 2002/02/27 07:00:00 | 03-1111-0007 | 2002/02/27 07:10:00 | (9) |
| 8 | 1900/01/01 00:00:00 | TOSHIKAZU NAKAMURA | 2002/02/27 08:00:00 | 03-2222-0008 | 2002/02/28 08:10:00 | (10) |
| 9 | 1900/01/01 00:00:00 | TADASHI ISHII | 2002/02/27 09:00:00 | 03-2222-0009 | 2002/02/28 09:10:00 | (11) |
| 10 | 1900/01/01 00:00:00 | KOICHI SATO | 2002/02/27 10:00:00 | 03-2222-0010 | 2002/02/28 10:10:00 | (12) |
| 11 | 2002/02/28 11:10:00 | SHINJI NAKANO | 2002/02/27 11:00:00 | 03-1111-0011 | 2002/02/27 11:10:00 | (13) |
| 12 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | (1) |
| : | : | : | : | : | : | |

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FIG. 7

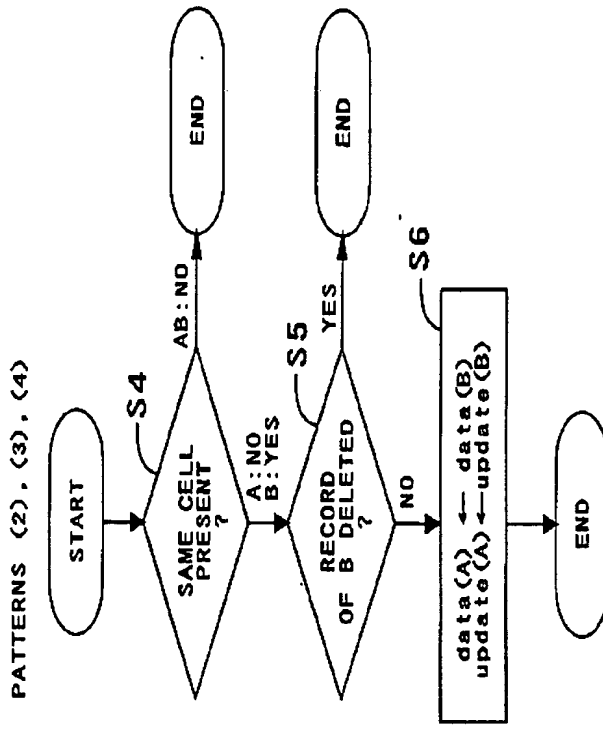


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FIG. 8



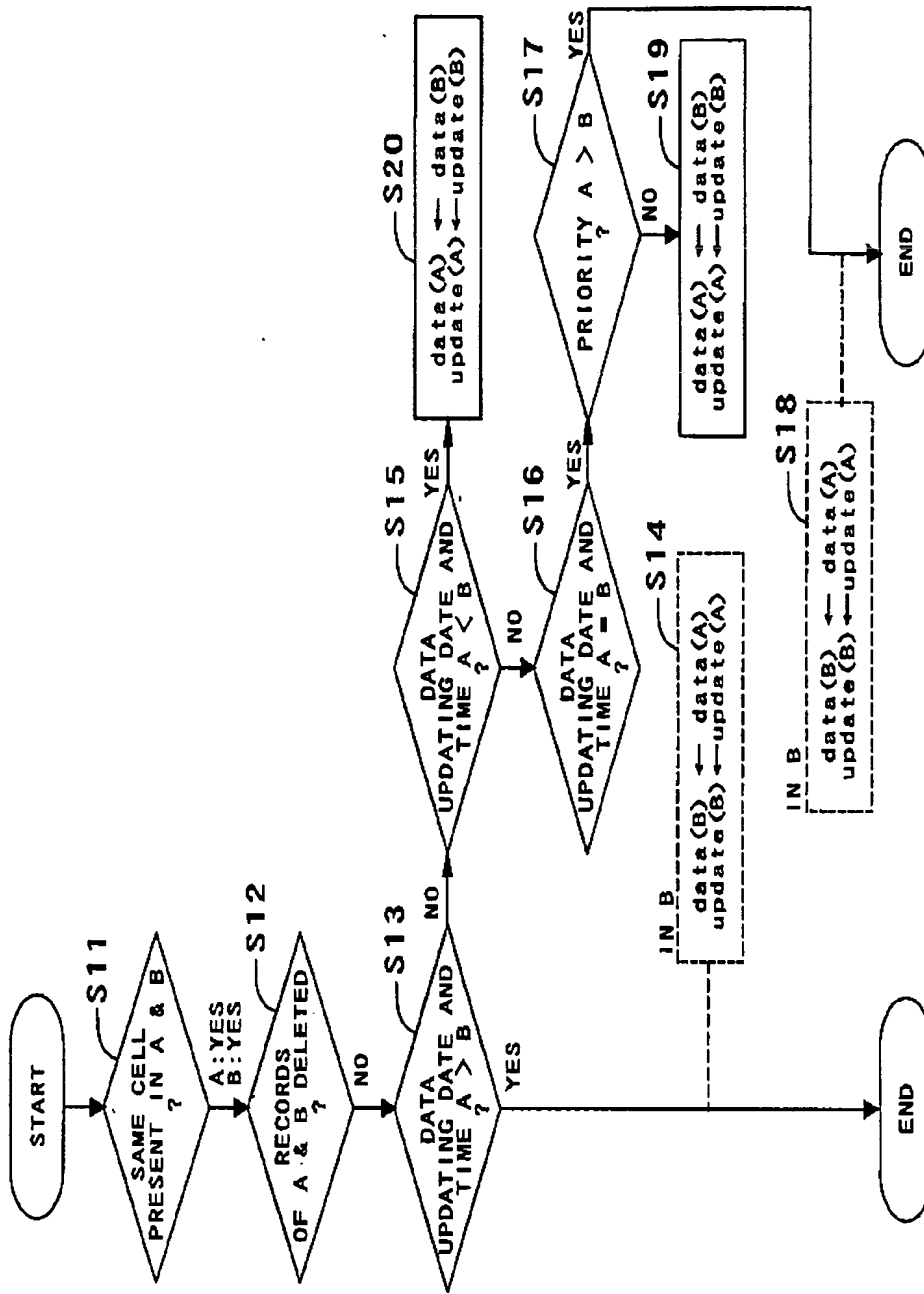
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FIG. 9

PATTERNS (5), (6), (7)



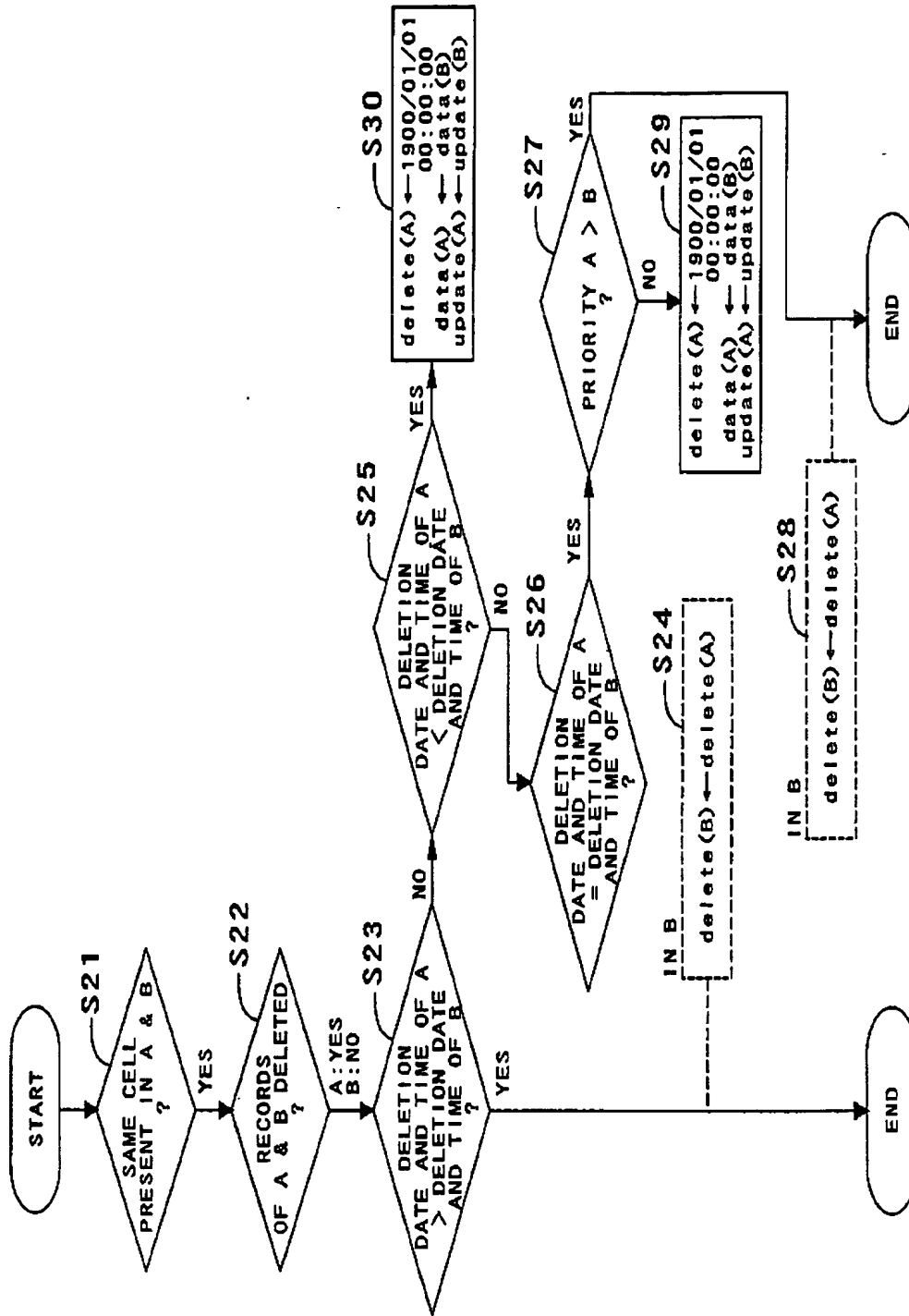
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PATTERNS (8) (9) (10)

FIG. 10



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FIG. 11

PATTERNS (11), (12), (13)

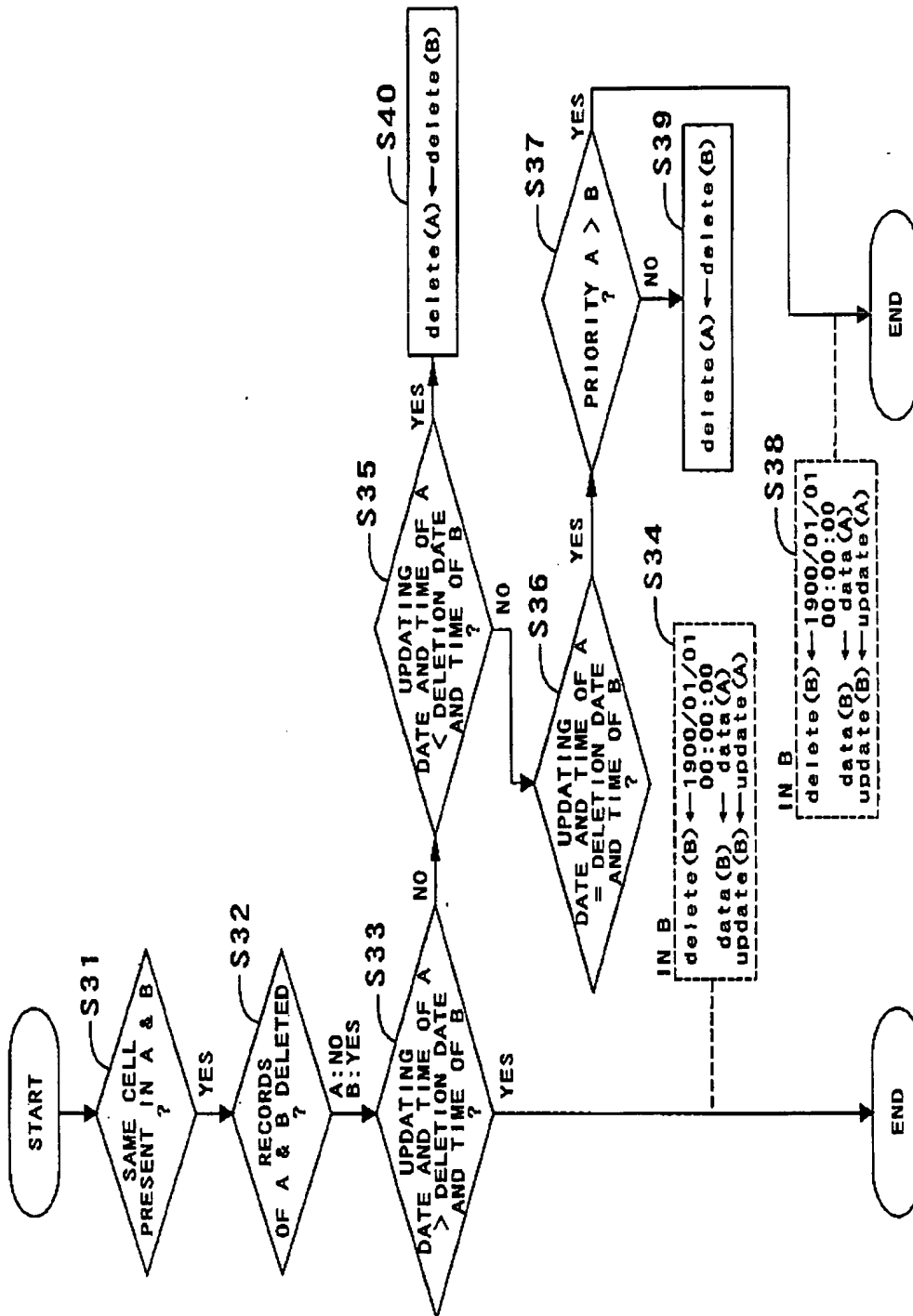


FIG. 12

| RECORD NUMBER | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | E-mail | UPDATING TIME AND DATE (E-mail) |
|---------------|-------------------------------|------------------|-------------------------------|------------------|-------------------------------------------|-------------------|---------------------------------|
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | yamada@nec.com | 2002/02/27 01:20:00 |
| 2 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 02:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | suzuki@nec.com | 2002/02/27 02:20:00 |
| 3 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:00:00 | 03-1111-0003 | 2002/02/27 03:10:00 | hasegawa@nec.com | 2002/02/27 03:20:00 |
| 4 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 04:00:00 | 03-1111-0004 | 2002/02/27 04:10:00 | takahashi@nec.com | 2002/02/27 04:20:00 |
| : | : | : | : | : | : | : | : |

FIG. 13

| | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 800 |
|------------------|----------------------------------|---------------------|----------------------------------|-----------------------|------------------------------------------------|-----------------------|------------------------------------------------|-----|
| RECORD NUMBER | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER 1 | UPDATING DATE AND TIME (TELEPHONE NUMBER 1) | TELEPHONE NUMBER 2 | UPDATING DATE AND TIME (TELEPHONE NUMBER 2) | |
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | 03-2222-0001 | 2002/02/27 01:20:00 | |
| 2 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 02:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | 03-2222-0002 | 2002/02/27 02:20:00 | |
| 3 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:00:00 | 03-1111-0003 | 2002/02/27 03:10:00 | 03-2222-0003 | 2002/02/27 03:20:00 | |
| 4 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 04:00:00 | 03-1111-0004 | 2002/02/27 04:10:00 | 03-2222-0004 | 2002/02/27 04:20:00 | |
| : | : | : | : | : | : | : | : | |

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FIG. 14

| RECORD NUMBER | 901 RECORD DELETION DATE AND TIME | 902 NAME | 903 UPDATING DATE AND TIME | 904 ID |
|------------------|-----------------------------------------|---------------------|----------------------------------|-----------|
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 04:00:00 | 1 |
| 2 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 04:00:00 | 2 |
| 3 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 04:00:00 | 3 |
| 4 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 04:00:00 | 4 |
| : | : | : | : | : |

FIG. 15

| RECORD NUMBER | <div>1001100210031004100510061000</div> | | | | | |
|------------------|-----------------------------------------|----------------------------------|---------------------|----------------------------------|--------------------------|---------------------------------------------------|
| | ID | RECORD DELETION DATE AND TIME | TELEPHONE NUMBER | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER TYPE | UPDATING DATE AND TIME (TELEPHONE NUMBER TYPE) |
| 1 | 1 | 1900/01/01 00:00:00 | 03-1111-0001 | 2002/02/27 01:10:00 | HOME | 2002/02/27 01:20:00 |
| 2 | 2 | 1900/01/01 00:00:00 | 03-1111-0002 | 2002/02/27 02:10:00 | HOME | 2002/02/27 02:20:00 |
| 3 | 3 | 1900/01/01 00:00:00 | 03-1111-0003 | 2002/02/27 03:10:00 | COMPANY | 2002/02/27 03:20:00 |
| 4 | 4 | 1900/01/01 00:00:00 | 03-1111-0004 | 2002/02/27 04:10:00 | PARENT'S HOME | 2002/02/27 04:20:00 |
| : | : | : | : | : | : | : |

FIG. 16

| RECORD NUMBER | ID | 1101 RECORD DELETION DATE AND TIME | 1102 E-mail | 1103 UPDATING DATE AND TIME (E-mail) | 1104 E-mail TYPE | 1105 UPDATING DATE AND TIME (E-mail TYPE) | 1106 |
|------------------|----|------------------------------------------|-------------------|--------------------------------------------|------------------------|-------------------------------------------------|------|
| | | | | | | | |
| 1 | 1 | 1900/01/01 00:00:00 | yamada@nec.com | 2002/02/27 01:30:00 | HOME | 2002/02/27 01:40:00 | |
| 2 | 2 | 1900/01/01 00:00:00 | suzuki@nec.com | 2002/02/27 02:30:00 | HOME | 2002/02/27 02:40:00 | |
| 3 | 3 | 1900/01/01 00:00:00 | hasegawa@nec.com | 2002/02/27 03:30:00 | HOME | 2002/02/27 03:40:00 | |
| 4 | 4 | 1900/01/01 00:00:00 | takahashi@nec.com | 2002/02/27 04:30:00 | HOME | 2002/02/27 04:40:00 | |
| : | : | : | : | : | : | : | |

FIG. 17

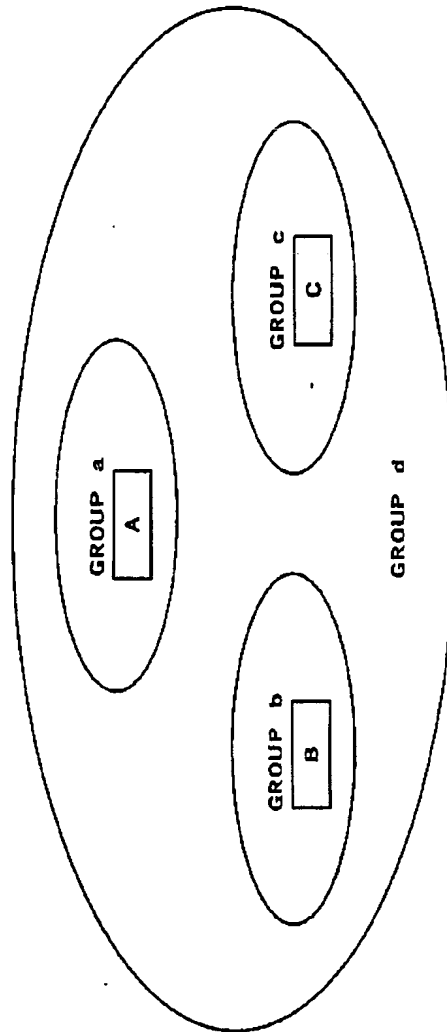
| RECORD NUMBER | 1201 RECORD DELETION DATE AND TIME | 1202 DATA ATTRIBUTE | 1203 UPDATING DATE AND TIME (DATA ATTRIBUTE) | 1204 NAME | 1205 UPDATING DATE AND TIME (NAME) | 1206 TELEPHONE NUMBER | 1207 UPDATING DATE AND TIME (TELEPHONE NUMBER) |
|------------------|------------------------------------------|---------------------------|----------------------------------------------------|---------------------|------------------------------------------|-----------------------------|-------------------------------------------------------|
| | | | | | | | |
| 1 | 1900/01/01 00:00:00 | SHARED | 2002/02/27 01:00:00 | TARO YAMADA | 2002/02/27 01:10:00 | 03-1111-0001 | 2002/02/27 01:20:00 |
| 2 | 1900/01/01 00:00:00 | SHARED | 2002/02/27 02:00:00 | ICHIRO SUZUKI | 2002/02/27 02:10:00 | 03-1111-0002 | 2002/02/27 02:20:00 |
| 3 | 1900/01/01 00:00:00 | SECRET | 2002/02/27 03:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:10:00 | 03-1111-0003 | 2002/02/27 03:20:00 |
| 4 | 1900/01/01 00:00:00 | SHARED | 2002/02/27 04:00:00 | TORU TAKAHASHI | 2002/02/27 04:10:00 | 03-1111-0004 | 2002/02/27 04:20:00 |
| : | : | : | : | : | : | : | : |

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FIG. 18



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NO. 6389 P. 19

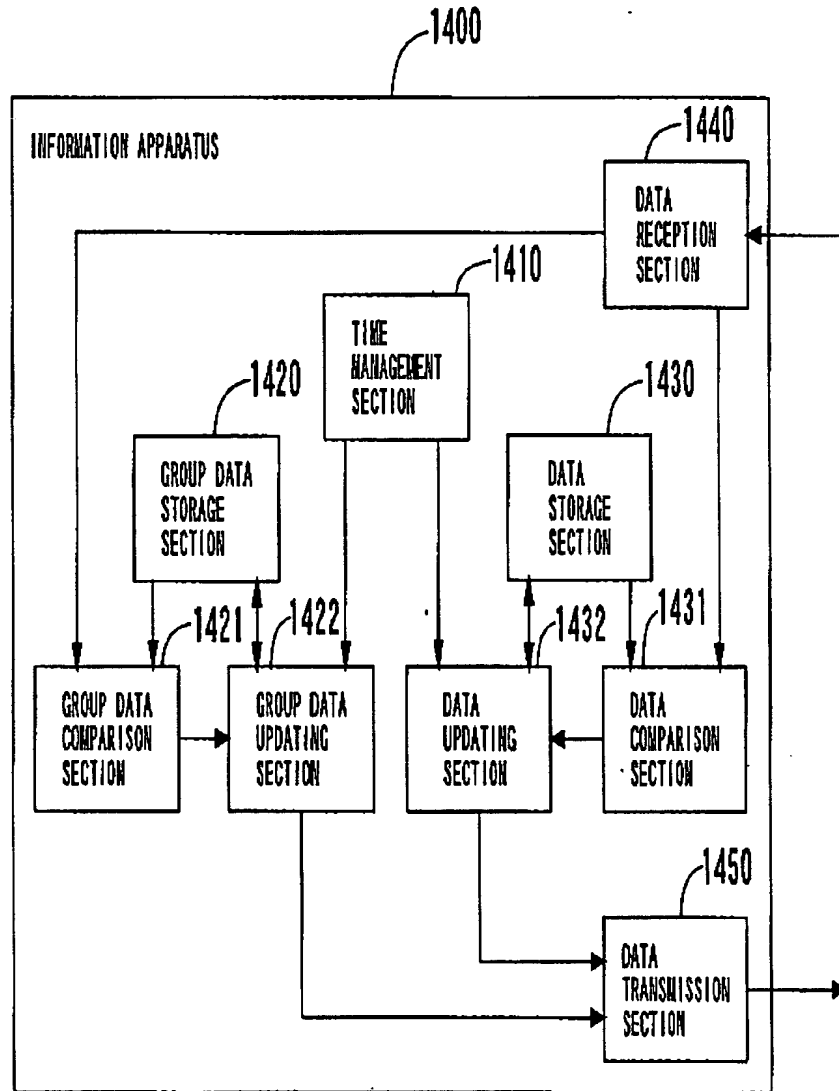
FIG. 19

| RECORD NUMBER | 1501 | | 1502 | | 1503 | | 1504 | | 1500 | | |
|------------------|-------|-----------------------------|------------|---------------------------|------|--|------|--|------|--|--|
| | GROUP | INFORMATION APPARATUS ID | STATE | UPDATING DATE AND TIME | | | | | | | |
| 1 | a | A | REGISTERED | 2002/02/27 01:00:00 | | | | | | | |
| 2 | d | A | REGISTERED | 2002/02/27 02:00:00 | | | | | | | |
| 3 | d | B | REGISTERED | 2002/02/27 03:00:00 | | | | | | | |
| 4 | d | C | REGISTERED | 2002/02/27 04:00:00 | | | | | | | |

FIG. 20

| RECORD NUMBER | 1601 1602 1603 1604 1605 1606 1607 | | | | | | |
|------------------|------------------------------------|-------|-----------------------|---------------------|----------------------------------|---------------------|-----------------------------------------------|
| | RECORD DELETION DATE AND TIME | GROUP | UPDATING DATE (GROUP) | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) |
| 1 | 1900/01/01 00:00:00 | d | 2002/02/27 01:00:00 | TARO YAMADA | 2002/02/27 01:10:00 | 03-1111-0001 | 2002/02/27 01:20:00 |
| 2 | 1900/01/01 00:00:00 | d | 2002/02/27 02:00:00 | ICHIRO SUZUKI | 2002/02/27 02:10:00 | 03-1111-0002 | 2002/02/27 02:20:00 |
| 3 | 1900/01/01 00:00:00 | a | 2002/02/27 03:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:10:00 | 03-1111-0003 | 2002/02/27 03:20:00 |
| 4 | 1900/01/01 00:00:00 | d | 2002/02/27 04:00:00 | TORU TAKAHASHI | 2002/02/27 04:10:00 | 03-1111-0004 | 2002/02/27 04:20:00 |
| : | : | : | : | : | : | : | : |

FIG. 21



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FIG. 22

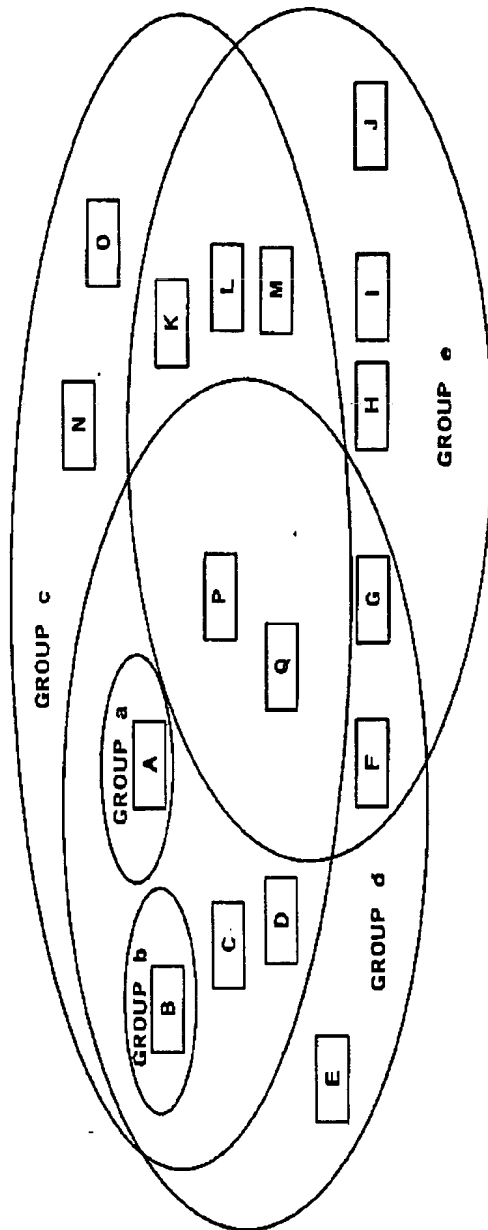


FIG. 23

| RECORD NUMBER | GROUP | INFORMATION APPARATUS ID | STATE | UPDATING DATE AND TIME | DATA PRIORITY | 1800 | |
|------------------|-------|-----------------------------|------------|---------------------------|------------------|------|------|
| | | | | | | 1801 | 1806 |
| 1 | a | A | REGISTERED | 2002/02/27 00:00:00 | 1 | 1802 | 1805 |
| 2 | c | A | REGISTERED | 2002/02/27 00:00:00 | 1 | | |
| 3 | c | B | REGISTERED | 2002/02/27 00:00:00 | 2 | | |
| 4 | c | C | REGISTERED | 2002/02/27 00:00:00 | 3 | | |
| 5 | c | D | REGISTERED | 2002/02/27 00:00:00 | 4 | | |
| 6 | c | K | REGISTERED | 2002/02/27 00:00:00 | 5 | | |
| 7 | c | L | REGISTERED | 2002/02/27 00:00:00 | 6 | | |
| 8 | c | M | REGISTERED | 2002/02/27 00:00:00 | 7 | | |
| 9 | c | N | REGISTERED | 2002/02/27 00:00:00 | 8 | | |
| 10 | c | O | REGISTERED | 2002/02/27 00:00:00 | 9 | | |
| 11 | c | P | REGISTERED | 2002/02/27 00:00:00 | 10 | | |
| 12 | c | Q | REGISTERED | 2002/02/27 00:00:00 | 11 | | |
| 13 | d | A | REGISTERED | 2002/02/27 00:00:00 | 1 | | |
| 14 | d | B | REGISTERED | 2002/02/27 00:00:00 | 2 | | |
| 15 | d | C | REGISTERED | 2002/02/27 00:00:00 | 3 | | |
| 16 | d | D | REGISTERED | 2002/02/27 00:00:00 | 4 | | |
| 17 | d | E | REGISTERED | 2002/02/27 00:00:00 | 5 | | |
| 18 | d | F | REGISTERED | 2002/02/27 00:00:00 | 6 | | |
| 19 | d | G | REGISTERED | 2002/02/27 00:00:00 | 7 | | |
| 20 | d | P | REGISTERED | 2002/02/27 00:00:00 | 8 | | |
| 21 | d | Q | REGISTERED | 2002/02/27 00:00:00 | 9 | | |

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FIG. 24

| RECORD NUMBER | 1901 | | 1902 | | 1903 | | 1904 | | 1905 | | 1906 | |
|------------------|-------|-----------------------------|------------|---------------------------|------------------|-------------------------------------------|------|--|------|--|------|--|
| | GROUP | INFORMATION APPARATUS ID | STATE | UPDATING DATE AND TIME | DATA PRIORITY | UPDATING DATE AND TIME (DATA PRIORITY) | | | | | | |
| 1 | b | B | REGISTERED | 2002/02/27 00:00:00 | 1 | 2002/02/27 00:00:00 | | | | | | |
| 2 | c | A | REGISTERED | 2002/02/27 00:00:00 | 1 | 2002/02/27 00:00:00 | | | | | | |
| 3 | c | B | REGISTERED | 2002/02/27 00:00:00 | 2 | 2002/02/27 00:00:00 | | | | | | |
| 4 | c | C | REGISTERED | 2002/02/27 00:00:00 | 3 | 2002/02/27 00:00:00 | | | | | | |
| 5 | c | D | REGISTERED | 2002/02/27 00:00:00 | 4 | 2002/02/27 00:00:00 | | | | | | |
| 6 | c | K | REGISTERED | 2002/02/27 00:00:00 | 5 | 2002/02/27 00:00:00 | | | | | | |
| 7 | c | L | REGISTERED | 2002/02/27 00:00:00 | 6 | 2002/02/27 00:00:00 | | | | | | |
| 8 | c | M | REGISTERED | 2002/02/27 00:00:00 | 7 | 2002/02/27 00:00:00 | | | | | | |
| 9 | c | N | REGISTERED | 2002/02/27 00:00:00 | 8 | 2002/02/27 00:00:00 | | | | | | |
| 10 | c | O | REGISTERED | 2002/02/27 00:00:00 | 9 | 2002/02/27 00:00:00 | | | | | | |
| 11 | c | P | REGISTERED | 2002/02/27 00:00:00 | 10 | 2002/02/27 00:00:00 | | | | | | |
| 12 | c | Q | REGISTERED | 2002/02/27 00:00:00 | 11 | 2002/02/27 00:00:00 | | | | | | |
| 13 | d | A | REGISTERED | 2002/02/27 00:00:00 | 1 | 2002/02/27 00:00:00 | | | | | | |
| 14 | d | B | REGISTERED | 2002/02/27 00:00:00 | 2 | 2002/02/27 00:00:00 | | | | | | |
| 15 | d | C | REGISTERED | 2002/02/27 00:00:00 | 3 | 2002/02/27 00:00:00 | | | | | | |
| 16 | d | D | REGISTERED | 2002/02/27 00:00:00 | 4 | 2002/02/27 00:00:00 | | | | | | |
| 17 | d | E | REGISTERED | 2002/02/27 00:00:00 | 5 | 2002/02/27 00:00:00 | | | | | | |
| 18 | d | F | REGISTERED | 2002/02/27 00:00:00 | 6 | 2002/02/27 00:00:00 | | | | | | |
| 19 | d | G | REGISTERED | 2002/02/27 00:00:00 | 7 | 2002/02/27 00:00:00 | | | | | | |
| 20 | d | P | REGISTERED | 2002/02/27 00:00:00 | 8 | 2002/02/27 00:00:00 | | | | | | |
| 21 | d | Q | REGISTERED | 2002/02/27 00:00:00 | 9 | 2002/02/27 00:00:00 | | | | | | |

FIG. 25

| RECORD NUMBER | INFORMATION APPARATUS ID | STATE | UPDATING DATE AND TIME | ADDRESS | UPDATING DATE AND TIME (ADDRESS) | ENCRYPTION KEY | UPDATING DATE AND TIME (ENCRYPTION KEY) | LAST SYNCHRONIZATION DATE AND TIME |
|------------------|-----------------------------|------------|---------------------------|---------|-------------------------------------|-------------------|--------------------------------------------|---------------------------------------|
| 1 | A | REGISTERED | 2002/02/27 00:00:00 | Adr(A) | 2002/02/27 00:00:00 | Key(A) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 2 | B | REGISTERED | 2002/02/27 00:00:00 | Adr(B) | 2002/02/27 00:00:00 | Key(B) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 3 | C | REGISTERED | 2002/02/27 00:00:00 | Adr(C) | 2002/02/27 00:00:00 | Key(C) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 4 | D | REGISTERED | 2002/02/27 00:00:00 | Adr(D) | 2002/02/27 00:00:00 | Key(D) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 5 | E | REGISTERED | 2002/02/27 00:00:00 | Adr(E) | 2002/02/27 00:00:00 | Key(E) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 6 | F | REGISTERED | 2002/02/27 00:00:00 | Adr(F) | 2002/02/27 00:00:00 | Key(F) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 7 | G | REGISTERED | 2002/02/27 00:00:00 | Adr(G) | 2002/02/27 00:00:00 | Key(G) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 8 | K | REGISTERED | 2002/02/27 00:00:00 | Adr(K) | 2002/02/27 00:00:00 | Key(K) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 9 | L | REGISTERED | 2002/02/27 00:00:00 | Adr(L) | 2002/02/27 00:00:00 | Key(L) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 10 | M | REGISTERED | 2002/02/27 00:00:00 | Adr(M) | 2002/02/27 00:00:00 | Key(M) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 11 | N | REGISTERED | 2002/02/27 00:00:00 | Adr(N) | 2002/02/27 00:00:00 | Key(N) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 12 | O | REGISTERED | 2002/02/27 00:00:00 | Adr(O) | 2002/02/27 00:00:00 | Key(O) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 13 | P | REGISTERED | 2002/02/27 00:00:00 | Adr(P) | 2002/02/27 00:00:00 | Key(P) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 14 | Q | REGISTERED | 2002/02/27 00:00:00 | Adr(Q) | 2002/02/27 00:00:00 | Key(Q) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |

FIG. 26

| RECORD NUMBER | 2101 INFORMATION APPARATUS ID | 2102 STATE | 2103 UPDATING DATE AND TIME | 2104 ADDRESS | 2105 UPDATING DATE AND TIME (ADDRESS) | 2106 ENCRYPTION KEY | 2107 UPDATING DATE AND TIME (ENCRYPTION KEY) | 2108 LAST SYNCHRONIZATION DATE AND TIME |
|------------------|-------------------------------------|---------------|-----------------------------------|-----------------|---------------------------------------------|---------------------------|----------------------------------------------------|-----------------------------------------------|
| 1 | A | REGISTERED | 2002/02/27 00:00:00 | Adr (A) | 2002/02/27 00:00:00 | Key (A) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 2 | B | REGISTERED | 2002/02/27 00:00:00 | Adr (B) | 2002/02/27 00:00:00 | Key (B) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 3 | C | REGISTERED | 2002/02/27 00:00:00 | Adr (C) | 2002/02/27 00:00:00 | Key (C) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 4 | D | REGISTERED | 2002/02/27 00:00:00 | Adr (D) | 2002/02/27 00:00:00 | Key (D) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 5 | E | REGISTERED | 2002/02/27 00:00:00 | Adr (E) | 2002/02/27 00:00:00 | Key (E) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 6 | F | REGISTERED | 2002/02/27 00:00:00 | Adr (F) | 2002/02/27 00:00:00 | Key (F) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 7 | G | REGISTERED | 2002/02/27 00:00:00 | Adr (G) | 2002/02/27 00:00:00 | Key (G) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 8 | K | REGISTERED | 2002/02/27 00:00:00 | Adr (K) | 2002/02/27 00:00:00 | Key (K) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 9 | L | REGISTERED | 2002/02/27 00:00:00 | Adr (L) | 2002/02/27 00:00:00 | Key (L) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 10 | M | REGISTERED | 2002/02/27 00:00:00 | Adr (M) | 2002/02/27 00:00:00 | Key (M) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 11 | N | REGISTERED | 2002/02/27 00:00:00 | Adr (N) | 2002/02/27 00:00:00 | Key (N) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 12 | O | REGISTERED | 2002/02/27 00:00:00 | Adr (O) | 2002/02/27 00:00:00 | Key (O) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 13 | P | REGISTERED | 2002/02/27 00:00:00 | Adr (P) | 2002/02/27 00:00:00 | Key (P) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |
| 14 | Q | REGISTERED | 2002/02/27 00:00:00 | Adr (Q) | 2002/02/27 00:00:00 | Key (Q) | 2002/02/27 00:00:00 | 2002/02/27 00:00:00 |

FIG. 27

| | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2200 | 2207 |
|------------------|----------------------------------|-------|-----------------------|---------------------|----------------------------------|---------------------|-----------------------------------------------|------|
| RECORD NUMBER | RECORD DELETION DATE AND TIME | GROUP | UPDATING DATE (GROUP) | NAME | UPDATING DATE AND TIME (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | |
| 1 | 1900/01/01 00:00:00 | a | 2002/02/27 01:00:00 | TARO YAMADA | 2002/02/27 01:10:00 | 03-1111-0002 | 2002/02/27 01:20:00 | |
| 2 | 1900/01/01 00:00:00 | a | 2002/02/27 02:00:00 | ICHIRO SUZUKI | 2002/02/27 02:10:00 | 03-1111-0002 | 2002/02/27 02:20:00 | |
| 3 | 1900/01/01 00:00:00 | c | 2002/02/27 03:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:10:00 | 03-1111-0003 | 2002/02/27 03:20:00 | |
| 4 | 1900/01/01 00:00:00 | d | 2002/02/27 04:00:00 | TORU TAKAHASHI | 2002/02/27 04:10:00 | 03-1111-0004 | 2002/02/27 04:20:00 | |
| : | : | : | : | : | : | : | : | |

Title: DATA SYNCHRONIZATION METHOD BETWEEN A
PLURALITY OF INFORMATION APPARATUS,
INFORMATION PROCESSING APPARATUS FOR
EXECUTING THE METHOD, AND PROGRAM FOR...

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FIG. 28

| RECORD NUMBER | 2300 | | | | | | |
|------------------|----------------------------------|---------------------|----------------------------------|----------------------------------------------------------------|---------------------|-----------------------------------------------|-------------------------------------------------------------------------------|
| | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 |
| | RECORD DELETION DATE AND TIME | NAME | UPDATING DATE AND TIME (NAME) | DATA REGISTRATION SOURCE INFORMATION APPARATUS ID (NAME) | TELEPHONE NUMBER | UPDATING DATE AND TIME (TELEPHONE NUMBER) | DATA REGISTRATION SOURCE INFORMATION APPARATUS ID (TELEPHONE NUMBER) |
| 1 | 1900/01/01 00:00:00 | TARO YAMADA | 2002/02/27 01:00:00 | A | 03-1111-0001 | 2002/02/27 01:10:00 | A |
| 2 | 1900/01/01 00:00:00 | ICHIRO SUZUKI | 2002/02/27 02:00:00 | A | 03-1111-0002 | 2002/02/27 02:10:00 | B |
| 3 | 1900/01/01 00:00:00 | TSUTOMU HASEGAWA | 2002/02/27 03:00:00 | C | 03-1111-0003 | 2002/02/27 03:10:00 | C |
| 4 | 1900/01/01 00:00:00 | TORU TAKAHASHI | 2002/02/27 04:00:00 | D | 03-1111-0004 | 2002/02/27 04:10:00 | D |
| : | : | : | : | : | : | : | : |

HARADA PATENT FAX 03 (3560) 7056

2003年 7月 3日 14時30分

2003年 7月 3日 14時30分 HARADA PATENT FAX 03(3560) 7056 NO. 6389 P. 29

FIG. 29

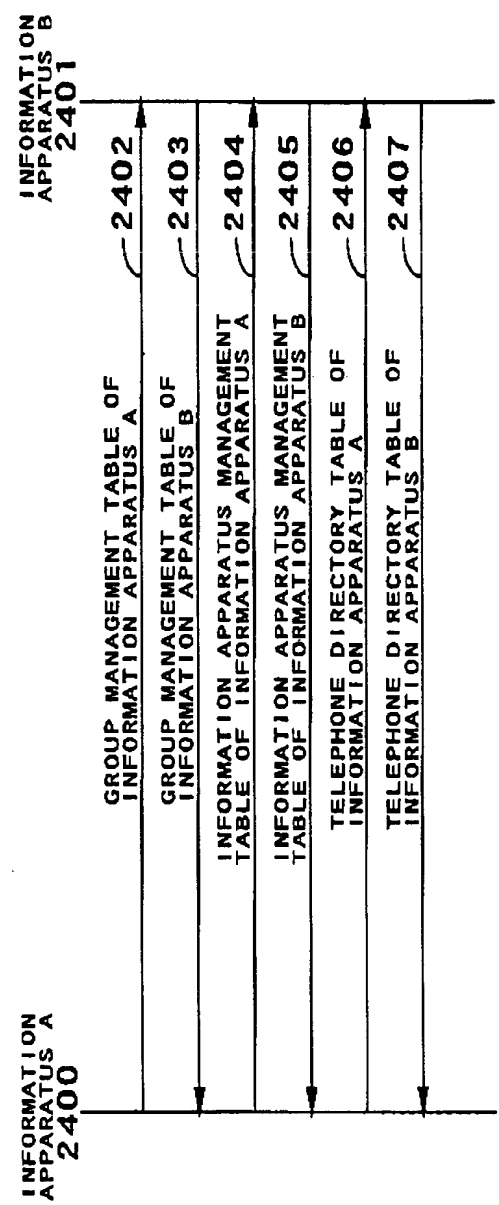


FIG. 30

[illegible]

FIG. 31

[illegible]

FIG. 32

| RECORD NUMBER | RECORD DELETION DATE AND TIME | READING | UPDATING DATE AND TIME (READING) | KANJI | UPDATING DATE AND TIME (KANJI) |
|------------------|----------------------------------|---------|-------------------------------------|-------|-----------------------------------|
| 1 | 1900/01/01 00:00:00 | SAWARA | 2002/02/27 00:00:00 | 鱈 | 2002/02/27 00:10:00 |
| 2 | 1900/01/01 00:00:00 | TAI | 2002/02/27 01:00:00 | 鯛 | 2002/02/27 01:10:00 |
| 3 | 1900/01/01 00:00:00 | WAGURO | 2002/02/27 03:00:00 | 鰻 | 2002/02/27 02:10:00 |
| 4 | 1900/01/01 00:00:00 | EBI | 2002/02/27 04:00:00 | 海老 | 2002/02/27 03:10:00 |
| : | : | : | : | : | : |